GLASS BEADS
FIELD SECTION 2022

2022.1 SCOPE. To establish procedures for inspecting, sampling, and reporting glass beads.

2022.2 APPARATUS. Sample containers for submitting samples to the Laboratory are be one quart [1 liter] friction top cans. All containers and equipment are to be clean, dry, and free of all contaminants.

2022.3 PROCEDURE.

2022.3.1 Inspection. Ascertain that the supplier has fully complied with the requirements for packaging and marking and that the required certifications have been furnished. The requirements for packaging, marking, and certification are set forth in the specifications attached to the bid request.

2022.3.2 Sampling. Sample the first district shipment at the rate of one sample for each 10,000 lbs. [4500 kg] or part thereof. Sample at least twenty five percent of the successive shipments at the same rate. Remaining shipments may be accepted on the basis of certified test results complying with the specifications and any inspection deemed necessary.

2022.3.2.1 A sample consists of approximately one quart [1 liter] of beads from each container, in a friction top can.

(a) Obtain the sample from a container using a thief, taking samples from at least five locations in the container.

(b) The samples are to be taken at quarter locations around the outer perimeter of the container plus one near the center of the container.

(c) For square containers, the samples are to be taken near each corner plus one near the center of the container.

(d) The volume of each of the five samples taken from the container should be approximately equal and, when combined, should be of sufficient volume to fill the one quart [1 liter] friction top can at least half full. Should the quart [liter] can be less than half-full after obtaining 5 samples, take additional thief samples at random locations until the half-full requirement has been met.

2022.3.2.1.1 As the samples from the containers are obtained and combined, identify each can with the inspector's identificiation number and consecutive letters of the alphabet, i.e., AP88-28A, AP88-28B, AP88-28C, etc. Mark the container from which each sample is taken with that sample's identification number for future reference.

2022.3.2.2 Submit the group of samples representing a shipment to the Laboratory, accompanied by Identification Form T-617. Include, on the form, all pertinent information necessary to the sample, such as: manufacturer's name and address, source, purchase order number, lot number, type of beads, quantity in pounds [kg], and inspector's name and identification number. Attach a copy of the required certification.

2022.3.2.3 When resamples of a shipment are required, obtain them from containers not previously sampled. Use a new identification number for resamples. Include a notification on the identification sheet, i.e., "This is a resample of the material previously submitted under Identification Number AP88-28A through E."

2022.3.2.4 If random samples indicate that the material does not comply with specifications, acceptance by certification may be withdrawn, the district notified, and each lot from that manufacturer will be sampled and tested.

2022.4 REPORT.

2022.4.1 Glass beads sampled and submitted to the Laboratory will be reported in accordance with Laboratory Sec 2022 of this manual.

2022.4.2 Report glass beads accepted by certification on Form T-634. Attach a copy of the certification to the report. Include appropriate remarks, as described in General Sec 7.1.2 of this Manual, in the report to clarify conditions of acceptance or rejection. All shipments are to be reported either by the Laboratory or the field.

2022.4.3 Use Class B report distribution from General Sec 7.1.7.2.